

10/31/11

Box and Whiskers

Stem and Leaf

INTERQUARTILE RANGE

E8

E.2.1.2

L3

100 values.

10, 40, 41 475, 531, 541

① $541 - 10 = 531$

② B

③ D

④ B

100

$$\begin{array}{r} | \quad 50 \quad | \\ 25 \quad | \quad 25 \quad | \\ \hline 25^{\text{th}} + 26^{\text{th}} \\ \hline 2 \end{array}$$

$$\begin{array}{r} 50 \quad | \\ 25 \quad | \quad 25 \\ \hline 75^{\text{th}} + 76^{\text{th}} \\ \hline 2 \end{array} = \frac{254 + 257}{2}$$

MEASURES OF CENTRAL TENDANCY

E7

E2.1.3

L3

① A

② 70, 75, 87, 90, 97 B

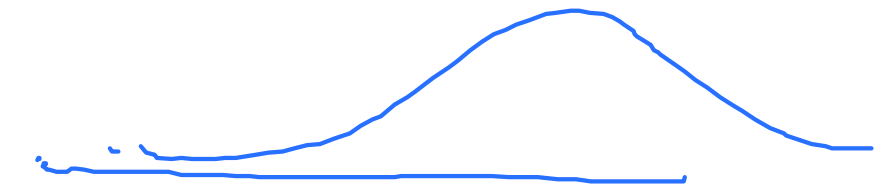
③ A Normal



④ B -32

$$\frac{220 + x}{8} = 315$$

+ skew



mean would be
higher than the median

Outlier 12.8

mean	w/ outlier	21.08	Difference .64
"	w/o outlier	21.72	

1) B

2)	median in	-	21.65	Diff. .05
	medioun	-	21.7	

A

3) A